

Dual Extraction

Dual Extraction is a quality-controlled extraction process, where two users independently extract data from each article, and then all data are adjudicated by an Administrator.

The Admin adjudicates any disagreement between Reviewer A and Reviewer B and sets the final determination for each study. For example, if Reviewer A extracts the mean age as 70 but Reviewer B extracts it as 71, the Adjudicator will then need to choose between those values and identify the correct one.

Only those with Admin privileges can serve as Adjudicators, but any user can serve as a Reviewer

This feature is useful to ensure that your team curates the most accurate and high quality data possible. Dual extraction can help with this since it has been shown that dual extraction results in fewer errors than single extraction. ([source](#))

Configure Dual Extraction

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To configure dual extraction, go to the Admin page under settings and then scroll to the Extraction section. Then, toggle to dual extraction to turn this feature on.





Note: Toggling back from Dual Extraction to Standard Extraction will **ONLY** save final adjudications, and **all data associated with non-final individual users' extractions will be lost!**

Dual Extraction Steps

- 1. Turn on dual extraction in the Admin page
- 2. Two users must independently extract the data.

The software will automatically queue individual studies to users until at least two Extractions are Marked Complete.

If you need help with the Extraction process, check out [this page](#). Each study will appear in the Adjudicate Extraction queue only after two independent extractions are Marked Complete.

3. Adjudicate the data

Go to the Adjudicate Extraction page and review the data extracted by the two independent, underlying users.

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Study Design

Arms

Reviewer A				Reviewer B				Final			
Intervention	Arm Size			Intervention	Arm Size			Intervention	Arm Size		
posterior	43			posterior	43						
anterior	258			anterior	257						

Extracted Data

Filter Data Elements

Reviewer A						Reviewer B						Final					
mean age		Timepoint	Time	Units		mean age		Timepoint	Time	Units		mean age		Timepoint	Time	Units	
Baseline			0	Days		Baseline			1	Days							
Arm	Mean (years)	SD		N		Arm	Mean (years)	SD		N							
posterior	51	6		43		posterior	51	6		43							
anterior	50	5		258		anterior	50	5		257							

mrs 0-2						mrs 0-2						mrs 0-2					
Outcome		Timepoint	Time	Units		Outcome		Timepoint	Time	Units		Outcome		Timepoint	Time	Units	
Arm	Events		90	Total		Arm	Events		90	Total							
posterior	40			43		posterior	40			43							
anterior	200			258		anterior	200			257							

Places where the Reviewers disagreed will be highlighted in red. There are three columns: Reviewer A, Reviewer B, and Final. The adjudicator will put the correct data in the Final column, adjudicating differences between the reviewers. The adjudicator can choose to input the same data as either of the reviewers or neither of them if they were both wrong. To enter in data, hit the plus sign and fill in the cells.

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Arms

Reviewer A				Reviewer B				Final			
Intervention		Arm Size		Intervention		Arm Size		Intervention		Arm Size	
posterior		43		posterior		43	✓				
anterior		258		anterior		257	✓				

Extracted Data

Filter Data Elements

mean age

Reviewer A				Reviewer B				Final			
Timepoint	Time	Units		Timepoint	Time	Units		Timepoint	Time	Units	
Baseline	0	Days		Baseline	1	Days		Baseline	✓	Days	
Arm	Mean (yerrs)	SD	N	Arm	Mean (yerrs)	SD	N	Arm	Mean (yerrs)	SD	N
posterior	51	6	43	posterior	51	6	43	✓			
anterior	50	5	258	anterior	50	5	257	✓			

mrs 0-2

Reviewer A				Reviewer B				Final			
Timepoint	Time	Units		Timepoint	Time	Units		Timepoint	Time	Units	
Outcome	90	Days		Outcome	90	Days		Outcome	✓	Days	
Arm	Events	Total		Arm	Events	Total		Arm	Events	Total	
posterior	40	43		posterior	40	43		✓			
anterior	200	258		anterior	201	257		✓			



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